

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions,
and listings of claims in the application:

LISTING OF CLAIMS:

1-10 (cancelled)

11. (currently amended) A breathable backsheet comprising:

a water vapour permeable first layer and a water vapour permeable second layer for an absorbent article—(4), wherein the first and second layers are liquid impermeable,

an absorbent body adjacent the first layer,

said absorbent article being adapted so that the absorbent body, during use, faces towards the user and so that an outside of the backsheet faces away from the user,

said backsheet being water vapour permeable in a direction from the absorbent body to the outside of the backsheet, in a Z-direction,

wherein the backsheet comprises a condensation zone between the first and second layers,

said backsheet comprising a hydrophobic distance element placed in the condensation zone creating a space between the first layer and the second layer, wherein the first layer is adapted to allow a first amount m_1 of mass flow water vapour to pass the first layer in the Z-direction, wherein the second layer

is adapted to allow a second amount m_2 of mass flow water vapour to pass the second layer in the Z-direction, wherein m_2 is less than or equal to m_1 , wherein the condensation zone is adapted to temporarily condense and store an amount $t \cdot m_c$ of water vapour where m_c is the difference between m_1 and m_2 , and where t is the time period during which the condensed water vapour m_c is stored, and where m_2 is less than a maximum amount m_x of mass flow water vapour allowed to pass the second layer without forming any condensation of water vapour on the outside of the backsheet.

12. (previously presented) The breathable backsheet according to claim 11, wherein the hydrophobic distance element is arranged to condense water vapour within the condensation zone.

13. (previously presented) The breathable backsheet according to claim 12, wherein the hydrophobic distance element comprises a number of hydrophobic particles.

14. (previously presented) The breathable backsheet according to claim 12, wherein the hydrophobic distance element comprises a three dimensional hydrophobic distance layer.

15. (previously presented) The breathable backsheet according to claim 11, wherein the first layer has a three dimensional form

with raised portions and depressions therebetween, so that the raised portions of the first layers are in contact with the second layer, and wherein the raised portions of the first layer are arranged to have the function of the hydrophobic distance elements and where the condensation zone is created in the space between the depressions of the first and second layers.

16. (previously presented) The breathable backsheet according to claim 15, wherein the second layer has a three dimensional form with raised portions and depressions therebetween, so that the raised portions of the first and second layers are in contact in several points, wherein the raised portions of the first layer and second layers are arranged to have the function of the hydrophobic distance elements and where the condensation zone is created in the space between the depressions of the first and second layer.

17. (previously presented) The breathable backsheet according to claim 11, wherein the first amount m_1 of mass flow water vapour is maximum 10000 g/(m²•24hours), when the outside air has a relative humidity of about 90% and a temperature of about 23°C.

18. (previously presented) The breathable backsheet according to claim 11, wherein the second amount m_2 of mass flow water vapour

is maximum $2700 \text{ g}/(\text{m}^2 \cdot 24\text{hours})$, when the outside air has a relative humidity of about 90% and a temperature of about 23°C .

19. (previously presented) The breathable backsheet according to claim 11, wherein the condensation zone is an open volume between the first layer and the second layer, where the minimum distance between the first layer and the second layer is 0.1 mm.

20. (previously presented) The breathable backsheet according claim 11, wherein the features of the backsheet are valid in an environment where the outside of the backsheet is uncovered and exposed to a room temperature of about 20°C .

21. (previously presented) The breathable backsheet according to claim 13, wherein the hydrophobic distance element comprises a three dimensional hydrophobic distance layer.

22. (previously presented) The breathable backsheet according to claim 12, wherein the first layer has a three dimensional form with raised portions and depressions therebetween, such that the raised portions of the first layers are in contact with the second layer, wherein the raised portions of the first layer are arranged to have the function of the hydrophobic distance elements and where the condensation zone is created in the space between the depressions of the first and second layers.

23. (previously presented) The breathable backsheet according to claim 13, wherein the first layer has a three dimensional form with raised portions and depressions therebetween, such that the raised portions of the first layer are in contact with the second layer, wherein the raised portions of the first layer are arranged to have the function of the hydrophobic distance elements and where the condensation zone is created in the space between the depressions of the first and second layers.